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62.09

FREESIAS. CALLAS.

# 1893.

Palm Seeds.

## WHOLESALE

Catalogs

Ferns, Orchids, and Cacti.

Flower Seeds.

# Orcutt Seed and Plant Company,

## San Diego, California:

Collectors of Native American Seeds and Bulbs.

Growers of Choice Seeds and Plants.

Direct Importers from Mexico, South America, Australia, and other countries.

TERMS CASH except by special agreement.

CORRESPONDENCE invited.

Contracts for growing solicited.

Branch at LOS ANGELES.

Experimental grounds at ORCUTT, CALIFORNIA.

Established 1882. — Cable address: ORCUTT.

Agency for all Horticultural Supplies and Products.

**PRINTERS, PUBLISHERS AND BOOKSELLERS.**

—Illustrating and Horticultural Catalogues a specialty.—

*To The Nursery and Seed Trade.*

*We print, bind and mail Catalogues, Circulars and everything you need at low prices, promptly, and first-class in quality. We aim to keep descriptive price lists in type of*

*Fruit and Ornamental Trees,*
*Cacti, Orchids, Roses and Bulbs,*
*VEGETABLE SEEDS,*
*TREE " "*
*FLOWER " " and all*
*HORTICULTURAL SUPPLIES.*

This increases our facilities for maintaining low prices, promptness and accuracy. Correspondence invited. Samples free.

Fruits All The Year Round (in progress),
California Trees and Flowers (price, 10c),
Cacti Illustrated (price, 5c),
Science and Horticulture (an illustrated monthly magazine),
Lilies From Near and Far (in progress),
——show the character and high quality of the work we turn out for our patrons

☞We pride ourselves on illustrated printing.

*AUTHORS WILL DO WELL to* correspond with us about the illustrating and publishing of works large or small.

**C. R. ORCUTT PUBLISHING HOUSE:**
San Diego, California.

# CALIFORNIA GROWN BULBS

AMARYLLIS.

## AGAPANTHUS.—African Lily.

A UMBELLATUS The Blue African Lily is an evergreen plant that is rapidly becoming very popular, and which grows readily in any kind of rich soil.

☞The plants we offer are all of blooming size, and much superior to those obtained from Europe We offer two grades:

| | ₱ doz. | ₱ 100 |
|---|---|---|
| Medium sized roots | $1 50 | $10 |
| Large roots | 2 00 | 15 |

A. UMBELLATUS ALBA The white African Love Flower is a very beautiful plant, forming a striking contrast when grown with the blue flowering varieties. ₱ doz. $3.00, ₱ 1.00, $20.

## AMARYLLIS (Hippeastrum).

A HYBRIDA AMERICANA. It is impossible to name a more magnificent genus of bulbous plants than this. The strain we offer is the offspring of the finest varieties procurable in Europe six yrs. ago, when the parent stock was obtained at a cost of twelve dollars a bulb Since that time there has been a marked improvement in size and coloring of the flowers each year, which now measure from five to ten inches in diameter, and in richness of color and markings are unequalled.

☞We have only about one thousand bulbs to offer this season, and we would like these to be as widely distributed as possible throughout America, that the value of our stock may be appreciated At the exceptionally low prices we have placed on these bulbs to introduce them they should be quickly taken. We offer four sizes.

| | |
|---|---|
| ₱ doz. 1¼ to 1½ inches diameter, | $4 |
| " 1½ to 1¾ " " | 7 |
| " 1¾ to 2 " " | 9 |
| " 2 to 2½ " " | 12 |

A. JOHNSONII. Too well known to require description. We offer three grades

| | |
|---|---|
| 1¼ to 2 inches in diameter, per dozen, | $2 50 |
| 2 to 2½ " " | 3 50 |
| 2½ to 3 " " | 5 00 |

## FREESIA

### REFRACTA ALBA.

We have made the growing of this bulb a specialty and can supply from half a million to a million good flowering bulbs the coming season, commencing our shipments about July 1st We grade the bulbs into five sizes and quote as follows:

| Diameter in inches, | ₱ C | ₱ M |
|---|---|---|
| ¼—⅜ | $ 40 | $3 |
| ⅜—½ | 50 | 4 |
| ½—⅝ | 60 | 5 |
| ⅝—¾ | 75 | 6 |
| ¾—⅞ | 1 00 | 7 |

Run of crop from ¼ inch upward per thousand, $4. Seed will produce flowers the first Season, per oz,, $1 per lb., $10,

## GLADIOLUS

| | |
|---|---|
| Fine mixed, | ₱ C, $2; ₱ M, $15 |
| LEMOINEII. Mixed | 5; 40 |

FREESIA REFRACTA ALBA.

## CALADIUM.

### Elephant's Ears.

C. ESCULENTUM. Foliage immense, of a rich green, showy and tropical in habit. Bulbs, 1½—2½ inches in diameter, per dozen, $1 25
2½—3½ inches, 2 50
3½—4 " 4 00
4—6 " 5 00

## IXIA. African Corn Lily.

These are very nearly hardy and yield an abundance of beautiful flowers of the very brightest colors most exquisite contrasts. Charming for bouquets and vase decoration.

Ready for delivery in July. Five mixed, ℔ C, $ 75; ℔ M, $6. Seed, per pkt., 10 c.: per oz $2.

IXIA. African Corn Flower.

## ZEPHYRANTHES.

### Fairy Lily.

Z. CANDIDA. Flowers pure white; very nice for a border plant.

| | ℔ C, $1; | ℔ M, $6 |
|---|---|---|
| Z. CARINATA. | 6; | — |
| Z. ROSEA. | 3; | 25 |
| Z. SULPHUREA. | 6; | 55 |
| Z. TREATEA. | 1; | 7 |

## CYCLAMEN Large flowering variety, per doz., $2 50

## RICHARDIA AFRICANA Calla Lily.

The White Calla or Lily of the Nile we grow by the acre and we can therefore supply at the very lowest possible prices

☞ A trial order will convince you that we give the best stock to be had and for the least money. The thoroughly seasoned dormant bulbs we supply will produce finer fls. in greater abundance than bulbs that are kept potted from year to year; it is economy for those desiring flowers to buy our cured bulbs for forcing. ☜

We offer five grades and quote as follows, giving the diameter in inches:

| | ℔ 100: | ℔ 1000: |
|---|---|---|
| 1—1¼ | $ 3; | $ 25 |
| 1¼—1½ | 4; | 35 |
| 1½—2 | 5½; | 50 |
| 2—2½ | 6½; | 60 |
| 2½—3 | 10; | 90 |

Calla seed, per ℔ 3

## Black Calla.

See Arum palestinum.

(Prices on application.)

R. ALBO-MACULATA. Spotted Calla.

Leaves deep green, freely spotted with white, giving a curious but beautiful aspect to the plant; fls. pure white with black centres; of easy culture from seed-
℔ 1000 seeds ..... $2
Bulbs, $1 to $2 ℔ dozen; $6 to $15 ℔ 100.

SPOTTED CALLA.

## Tuberoses:

The Tuberose (Polyanthes tuberosa) is a deservedly popular flower and thrives excellently with us.
"California," $2 ℔ hundred.

## Gladioli:

Unequalled for health, beauty and lasting qualities—
Burbank's California Strain.
Set of six var , $3.

AMARYLLIS JOHNSONII.

## SACRED LILY OF CHINA AND JAPAN.

CALLED BY THE CHINESE

Jos Flower, Flower of the Gods, and Fairy Water Flower: The Celestial's Emblem of Good Luck.

Narcissus Orientalis, a variety of Polyanthus Narcissus, is a native of northern China and is cultivated widely for the beautiful white flowers with rich orange cups.

Invaluable for pot culture; the Chinese grow them in their living rooms, in fancy "Imari" bowls filled simply with pebbles and water, and the natives compete in growing the finest flowers; the largest and best developed flowers at their New Year's Festival are named "Grand Emperor."

Price, $6 ₱ C, $50 ₱ M.

## SOME THINGS WORTH HAVING.

ECHEVERIA DESMETTIANA. One of the most beautiful and symmetrical of plants, rare in cultivation, of a silvery white color. Per 100, $7

SELAGINELLA LEPIDOPHYLLA. Resurrection plant. $4 per 100.

DIONÆA MUSCIPULA. VENUS FLY TRAP. $5 per 100.

ROMNEYA COULTERI. "Much has been said of the beauty of this American plant in English periodicals, and it is not difficult to obtain the plant in England. I have not been able to procure it in the eastern states, presumably because the seeds sown had not come up as expected. I would advise those who have sown seeds to wait patiently, for after two winters they are almost sure to germinate." Per oz., $1; lb., $12

THE PEACH SCENTED VIOLET—VIOLA PEDUNCULATA. One of the finest colored flowers of California. Per oz., $6

LATHYRUS SPLENDENS—Pride of CALIFORNIA. Per oz., $2

LATHYRUS CALIFORNICUS. A novelty, of great beauty. Per oz., $2 50

ZAUSCHNERIA CALIFORNICA; the CALIFORNIA FUCHSIA. A plant that we believe is quite hardy and worthy a place in any garden. Roots per 100, $15: seeds per 1000, $1 Flowers scarlet-vermilion.

YUCCA BACCATA. Cal. Banana. A fine perennial; produces superb flowers. Plants, small, 25 cents each; blooming size, $75 per 100. Seeds per oz., 50 cents. See engraving.

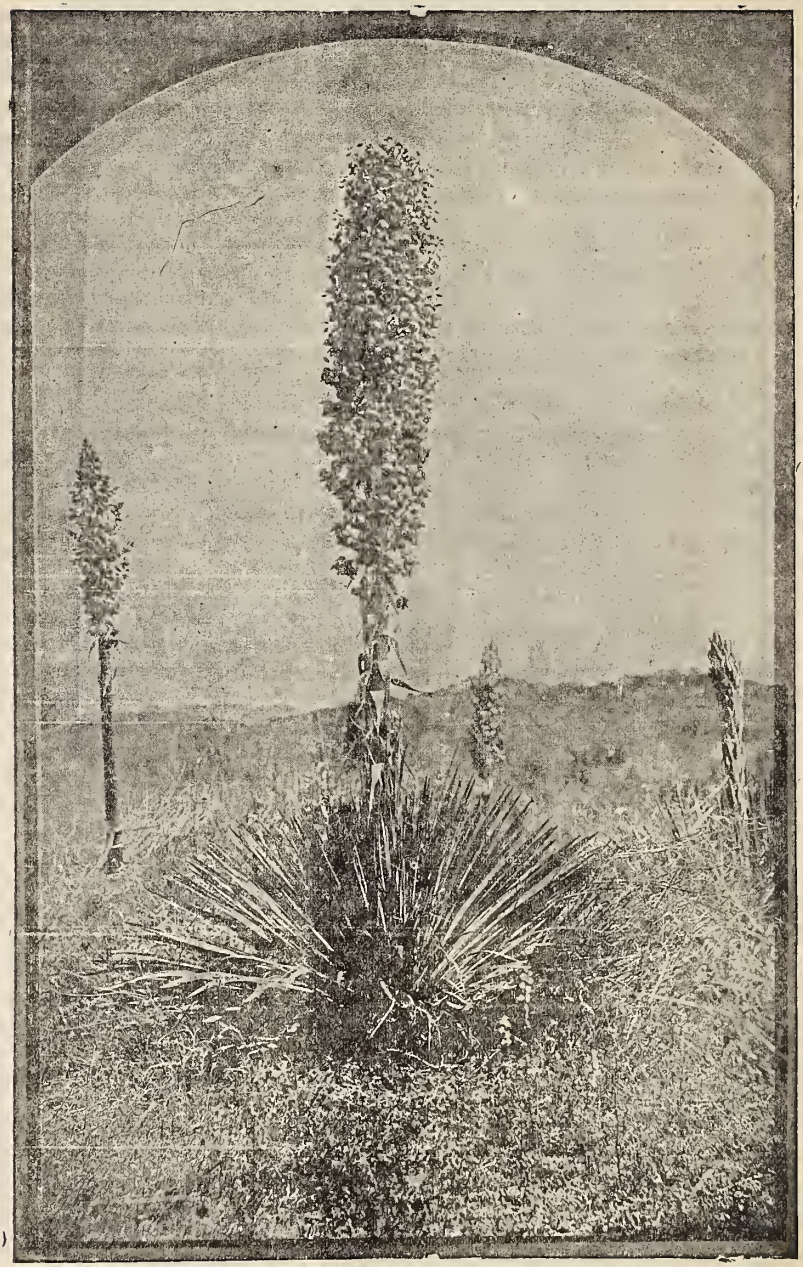
YUCCA WHIPPLEI. A plant of great grace and beauty as shown in the accompanying illustration. Seeds per oz., 50 cents; plants, small, $20 per 100; large blooming plants, 100 roots, $100.

YUCCA BREVIFOLIA: "YUCCA PALM." Roots, 100 for $100.

ZYGADENUS FREMONTII You Must know; CREAMY fls. 100, $4 50

DICENTRA CHRYSANTHA HAS DELICATE FOLIAGE AND SPIKES OF LEMON YELLOW FLOWERS; OFTEN 8 ft. HIGH. SEED, Oz. $1; ROOTS, 100, $8.

MANY OTHER GOOD THINGS::::WRITE US FOR PARTICULARS.



YUCCA WHIPPLEI.

VOLUME VII. NUMBER 39.

JULY, 1892.

THE

# YOUNG MEN'S JOURNAL

PUBLISHED MONTHLY.

—BY—

THE YOUNG MEN'S JOURNAL COMPANY,

LOS ANGELES AND SAN DIEGO, CALIFORNIA.

Price, 20 Cents. $2.00 a Year.

[Entered at San Diego post-office, in 1887, as second-class mail matter.]

**TO THE TRADE.**

# FRESH SEEDS

OF

# PALMS AND DECORATIVE PLANTS.

*We book orders now and execute them as soon as the seeds arrive, which necessarily will be at different seasons, as the time of ripening varies in different species. Special quotations given for large quantities.*

**Prices are per 100 seeds, if not otherwise specified.**

| | |
|---|---|
| ACROCOMIA sclerocarpa | $2 00 |
| ARALIA Sieboldi | 1 00 |
| ARECA Baueri | 75 |
| Catechu, Betel Nut Palm | 2 50 |
| lutescens | 2 00 |
| rubra | 1 50 |
| sapida | 1 50 |
| alba | 2 00 |
| monostachya | 2 00 |
| ATTALEA compta | 2 00 |
| excelsa | 2 50 |
| BRAHEA dulcis | 1 50 |
| *edulis.* See Erythea. | |
| *filamentosa.* See Washingtonia. | |
| *glauca.* See Erythea armata. | |
| CARYOTA sobolifera | 1 50 |
| urens | 1 00 |
| CHAMÆDOREA elatior | 1 00 |
| elegans | 1 00 |
| Ernesti-Augusti | 1 50 |
| gracilis | 1 50 |
| Schiedeana | 2 00 |
| CHAMÆROPS excelsa | 1 00 |
| fortunei | |
| humilis | 1 00 |
| COCOS Australis | 2 00 |
| plumosa | 2 00 |
| weddeliana | 2 00 |
| CORYPHA *Australis* | 40 |
| CORDYLINE Australis | 40 |
| indivisa | 20 |
| CYCAS revoluta | 2 00 |
| DRACÆNA Australis | 1 00 |
| draco | 1 00 |
| indivisa | 50 |
| nutans ..... Per oz. | 2 00 |
| stricta ..... " | 2 00 |
| ERYTHEA armata | 2 00 |
| edulis | 2 00 |
| EUTERPE edulis | 2 00 |
| FICUS Australis ..... Per packet. | 1 00 |
| Columnalis ..... " | 1 00 |
| macrophylla ..... " | 1 00 |
| GEONOMA gracilis | $1 50 |
| GREVILLEA Banksii ... Per packet. | 50 |
| Hillii ..... " | 1 00 |
| longifolia ..... " | 1 00 |
| robusta, $10.00 per lb. ... per oz. | 1 00 |
| KENTIA Belmoreana | 1 00 |
| Australis | 2 00 |
| Canterburyana | 3 50 |
| Forsteriana | 1 00 |
| Moorei | 3 50 |
| LATANIA *borbonica* | 50 |
| Commersonii | 3 00 |
| LIVISTONA Australis | 40 |
| chinensis | 50 |
| macrophylla | 1 50 |
| MUSA ensete | 1 50 |
| OREODOXA regia | 90 |
| PANDANUS utilis | 1 50 |
| recurva ..... Per oz. | 1 50 |
| PHŒNIX Canariensis | 1 50 |
| dactylifera | 1 00 |
| *conensis.* (P. spinosa) | 2 00 |
| pumila | 2 00 |
| reclinata | 1 00 |
| rupicola | 1 50 |
| sylvestris | 1 50 |
| tenuis | 1 00 |
| PTYCHOSPERMA Alexandrae | 60 |
| Cunninghamiana | 2 00 |
| SABAL Palmetto | 50 |
| *serrulata* (Serenoa serrulata) | 50 |
| SEAFORTHIA elegans | 60 |
| STEVENSONIA grandifolia | 4 00 |
| THRINAX argentea | 1 00 |
| radiata | 4 00 |
| WASHINGTONIA filifera | 1 00 |
| robusta | 1 00 |
| YUCCA aloefolia ..... Per oz. | 1 50 |
| baccata ..... " | 1 00 |
| elata albo-marginata ... " | 1 50 |
| gloriosa ..... Per packet. | 1 00 |
| truncata ..... " | 1 00 |
| whipplei ..... Per oz. | 50 |

(*Synonyms in italics.*)

# The Orcutt Seed & Plant Co.

**WHOLESALE SEEDSMEN,**

SAN DIEGO, CALIFORNIA.

# BRODIÆA

Brodiæas have a small bulb, and grassy leaves. The stalks are erect and slender, leafless, and terminated by a head or umbel of lily-like flowers. All are pretty and some strikingly beautiful. B. coccinea and B. volubilis are among the finest novelties of recent years, and will with some others take a permanent place as standard bulbs.

Few bulbous plants are more reliable bloomers than Brodiæas, or more readily adapt themselves to any soil or situation. The bulbs themselves are a recommendation, as they are light, not easily bruised, or at all subject to decay, and can be exposed for months in a hot dry air without the least injury (see cultural directions). Ripe July 1st.

SECTION I. (MILLA, TRITELEIA & § EUBRODIÆA.)

In this section, which includes Milla, Triteleia, and Eubrodiæa, the flowers are borne in umbels on a stiff, erect stem.

| | ₱ 100. | ₱ 1000 |
|---|---|---|
| **Grandiflora.** This species has few dark purple waxy flowers, an inch long, showy. | $1 00 | $6 65 |
| **Minor.** A miniature of the preceding, being but one or two inches high, with royal purple flowers. A novelty in size. | 2 25 | 15 00 |
| **Ixioides.** Twelve to twenty inches high, with a close umbel of twenty or more spreading yellow flowers banded on back with brown. | 1 00 | 6 65 |
| **Lactea** Flowers white, banded with green, otherwise much like B. ixioides. | 1 00 | 6 65 |
| **Laxa.** (BLUE MILLA; ITHURIEL'S SPEAR.) A well grown plant of this splendid bulb, has an umbel 8 inches across on a 16 in. stalk, and from 40 to 60 fine tubular flowers, each 1½ inches long, of a beautiful color, blue to a Tyrian purple—darkest when grown in the shade Takes splendidly to cultivation and forces well. The smallest bulbs will blossom. | 1 00 | 6 65 |
| **Peduncularis.** Another very fine thing, almost identical in habit with B. laxa. but fewer flowered, and the long pedicels make the umbel frequently 20 to 24 inches across. Flowers very waxy in appearance, porcelain white. | 2 25 | 15 00 |
| **Stellaris.** A handsome species which cannot be too highly commended. Good bulbs throw up several flower stalks, forming a low star-like clump. The flowers are very bright rich purple with white centers. | 1 50 | 10 00 |

SECTION II. (CALIFORNIA HYACINTHS.)

In the following (true Brodiæas) the flowers are in globular heads, with slender stalks.

| | | |
|---|---|---|
| **Multiflora.** Produces several stalks of violet flowers; the earliest. | 1 50 | 10 00 |
| **Capitata.** Early; heads large, lavendar color. | 1 00 | 6 65 |
| **Congesta.** Violet-purple, large heads; 2 to 3 feet high; late. | 1 50 | 10 00 |

SECTION III. (BREVOORTIA.)

**Coccinea.** Floral Fire Cracker. The cuts well describe it. One to three feet high. The pendulous flowers 1½ to 2 inches long, rich crimson with pea-green tip. Of this lovely plant it may be said that in beauty, novelty and susceptibility to cultivation it is not excelled.

Very large bulbs, $3 per hundred. Fine bulbs, $2 25 per hundred, $15 per thousand.

SECTION IV. (STROPHOLIRION.)

**Volubilis.** Twining Hyacinth. This great novelty is a true Brodiæa. Soon after the slender, leafless stems start, and while yet the flower bud is a mere dot, it begins to twine, until when the delicate rose-pink flowers unfold, it is five feet high with a total stem length often of double that. As a novelty it is unique.

Very large bulbs, $6 per hundred, fine bulbs, $4 50 per hundred, $30 per thousand.

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**Brodiæas, mixed:** A fine mixture. ₱ C, 90c; ₱ M, $6.

# BLOOMERIA

**Aurea.** Bloomerias are very much like Brodiæa laxa in habit. The flowers are spreading, lemon yellow, very delicate, with exserted stamens. Frequently the umbel will contain sixty flowers. Long knowu but until now too high-priced for large sales. Very fine. ℔ 100, $1 50; 1000, $10

**Clevelandi.** A smaller plant, with delicate yellow umbels of fine flowers. ℔ hundred, $3; one thousand, $20

# CALOCHORTUS

SECTION I. (MARIPOSA OR BUTTERFLY TULIPS.)

These beautiful hulbous plants have small hulbs with grassy leaves, stifl', leafy, equally branched stems, six inches to several feet high, bearing from a few to fifteen or twenty flowers. The flowers are erect, cup-shaped and very brilliant. In some the colors are solid or nearly so, hut in the many varieties of Calochortus venustus, the true Butterfly Tulips, the flowers are in the richest combination of colors, with spots, dots, lines, eyes and hairs to vie with the most hrilliant butterfly, making them second to no known flower in hrilliancy, and well deserving the name Butterfly Tulip with its Spanish equivalent, Mariposa (a butterfly). The bulhs like Brodiæas are very easily handled dry, ripening here early in July, excepting where noted (see Cultural Directions).

## Splendens.

The type of the species. Very large flowers fully 3 inches across, light lavender at center, shadiug to lilac, and full of cobwehhy hairs. Ripe in July. $3 per 100, $20 per 1000

V. ATROVIOLACEA. Has small purple flowers with a dark red spot at base of each petal. Very pretty. Ripe in July. $3 per hundred, $20 per thousand.

## Venustus.

V. OCULATUS. Two to three feet high when well grown. Petals frequently 2 inches across and 2 inches deep, with open flower 3 inches across. White grouud inside with eye-like spots, at center beautifully lined in several colors. Reddish brown outside. A perfect beauty. $1 50 per hundred, $10 per thousand. Ripe July 1st.

V. CITRINUS. Exactly like preceding except the ground is lemon yellow. Very highly esteemed. Ripe July 1st. $1 50 per hundred, $10 per thousand.

V. PURPURASCENS. In this species we have even a more vigorous grower than in var. oculatus. It offsets freely, the offsets blossoming by the third year. It stands a heavier, more clayey soil and more moisture. The flowers are fully 3 inches across, full in outline, purplish lilac outside and at top of petal, creamy white half way, purple at center, beautifully eyed and lined. Ripe July 15th. $2 25 per hundred, $15 per thousand.

V. ROSEUS. Rather dwarfed, 6 inches high and flowers seldom 2 inches across, hut in coloring the most wonderful. Creamy inside with rose-colored hlotch at top of petal, fine eye midway red lines at hase, rich carmine without. Ripe August 1st.

Per hundred, $2 40, per thousand $18

C. VENUSTUS.

## CALOCHORTUS. Continued.

**Weedii.** This is one of the finest of the Mariposa Tulips, two to three feet high, producing several large and brilliant orange yellow fls , delicately dotted with brown and covered with silky hairs. ₸ C, $4 50; ₸ M, $30.

**Luteus.** A dwarfed species with small yellow flowers dotted with brown. Ripe July 15th. $1 50 per hundred, $10 per thousand.

**Nuttalli.** This species is perhaps the best known of all having been widely distributed as C. Gunnisoni. It is a strong grower, 1 to 2 feet high, flowers large white, banded on back with green. Supply doubtful. I will book orders to be considered cancelled if not filled by Aug. 15. $3 per hundred, $20 per thousand.

**Leichtlinii** A sub-alpine species lacking the vigor of C. Nuttalli, although by some botanists described as synonymous. Color the same. Ripe in Sept. Per hundred, $2 25, per thousand, $15.

SECTION II (STAR TULIPS.)

These have a single long shiny leaf often a foot long, slender branching stalks bearing many blossoms. In some species globular and pendulous, in others cup-shaped and erect or semi-erect. As the Butterfly Tulip surpasses in brilliancy, the Star Tulip is the perfection of delicacy, and is graceful in every outline. Plants of the woodland.

**Albus** Fairy Bell. A strong grower, often a foot high and very floriferous. Flowers an inch in diameter, perfect globes of pearly white edged with silky hairs and hanging like bells. Ripe in June. $1 80 per hundred, $12 per thousand.

C. PULCHELLUS

**Pulchellus** Strong growing. Flowers globular and pendant, of good size, rich yellow. This and C. albus are the best of the Star Tulips. Ripe in June. Per hundred, $1 50, per thousand, $10

## CALOCHORTUS. Continued.

**Maweanus** (or Cæruleus) This is in habit like C. albus, but more dwarf and the bell-like flowers open, white, filled with silky blue hairs. Very pretty and delicate. Ripe in June. $1 50 per hundred, $10 per thousand.

**Benthami** Is exactly like C. pulchellus with open cup-shaped, rich yellow flowers with black spots at base of each petal. It charms every one. Ripe in June. $2 25 per hundred, $15 per thousand.

SECTION III.

These Calochorti which are little known are native to wet meadows, very hardy, mostly natives of Oregon and Idaho where they endure considerable cold, or of alpine regions. In habit they are low and flexuous with numerous, open, cup-shaped flowers borne erect, an inch or so in diameter, in solid colors, purple, lilac and white. Among these are C. Tolmiei, C. nitidus, C. nudus and others.

| | | |
|---|---|---|
| **Lilacinus** A very pretty species and easily grown, flowers shading from lilac to purple. | ₱ 100<br>$1 50 | ₱ 1000<br>$10 00 |
| MIXED CALOCHORTI These are first class bulbs of some of the best varieties. Ripe in June. | 1 20 | 8 00 |

# FRITILLARIA.

These are bulbous plants much like Lilies. The stalks are leafy, 6 inches to 4 feet high. Flowers open, pendant bells from few to many. All are graceful and interesting and F. recurva is a beauty. Ripe in June.

| | | |
|---|---|---|
| **Biflora** A low species with one to many pretty flowers having a greenish brown ground prettily lined. Very easily grown and a free bloomer. | 3 00 | 20 00 |
| **Liliacea** Exactly like F. biflora except that flowers are white and not lined. | 3 00 | 20 00 |
| **Lanceolata** Tall, with many large flowers curiously mottled in green, brown and yellow. | 3 00 | 20 00 |
| **Recurva** (F. recurvata, F. recurva var pluriflora.) This very fine species is of robust growth, from five to nine blossoms being common, and as high as 35 being known. The scarlet flowers are between tubular and bell shaped, and as beautiful as most lilies. Growth strong and habit graceful. Becoming immensely popular. Ready July 1st. Very large bulbs | 4 50 | |
| Bulbs ¾ inch in diameter and upward, | 3 00 | 20 00 |

# MISCELLANEOUS

| | | |
|---|---|---|
| **CAMASSIA ESCULENTA.** A highly esteemed and well known plant, dark blue flowers. Ready July 1st. | 90 | 6 00 |
| **CHLOROGALUM POMERIDIANUM.** Soap Root. Quite a novelty. Large bulb. Stalk 3 to 8 feet high bearing innumerable small, white, lily-like flowers. Ready July 1st. | 4 50 | 30 00 |
| **ANGUSTIFOLIUM.** The same but dwarf in bulb and stalk. Ready July 1st. | 4 50 | 30 00 |
| **ERYTHRONIUM GRANDIFLORUM.** (Giganteum) A beautiful species well described in cut. Two large, beautifully mottled base leaves. Flowers three to thirteen, 2 to 2½ inches across, straw color with orange center. Ready July 1st. Very large bulbs. | 3 00 | |
| Fine blooming bulbs, | 1 50 | 10 00 |
| **HARTWEGII.** A very fine new species, large, light yellow flowers, each borne on a long, slender separate stalk, two to six to the bulb, singular among Erythroniums in this habit. Entirely new and very fine. Ready July 1st. | 2 25 | 15 00 |
| **SMITHII.** A pretty one-flowered species with white flowers turning purple. Ready August 1st. | 3 00 | 20 00 |
| **Trillium sessile** Var. Californicum. A splendid plant exactly like figure. Petals 3 inches long, pure white. It has a tendency to grow several plants in a clump. | 3 00 | 20 00 |

# LILIUM

[250 at the rate per 1000]

**Humboldtii** This is the largest of California lilies and very showy. Flowers orange with black spots. Large sized bulbs weigh packed 60 lbs to the 100, medium sized, 30 or 40 lbs to the 100.

| | | |
|---|---|---|
| Bulbs 9 to 11 inches, | 12 50 | 100 00 |
| Bulbs 7 to 9 inches, | 10 00 | 70 00 |

**Pardalinum** Red and orauge, brown spotted. This species thrives everywhere in good garden soil and is probably the most vigorous lily grown. It should be widely planted. I offer very fine garden grown bulbs of fine quality and good size. 4 50 35 00

**Parvum** This form of L parvum is like a small L pardalinum, canary yellow, early blooming. Good bulbs, 7 50 50 00

**Washingtonianum** A large lily with pure white, fragrant flowers. 3 to 5 feet high. My supply is of medium sized, very solid bulbs which carry finely. Size 9 to 11 inches, 12 50
Medium sized, 10 00 70 00

**Columbianum** A very pretty lily much like L Humboldtii but dwarfed. 7 50 60 00

L Washingtonianum and L parvum are ready in October, the others in September.

☞My prices are for sound bulbs, safe delivery guaranteed, packed ready for shipment. Carriage at buyer's expense. L parvum, L pardalinum and L Columbianum are light enough to go cheaply by mail or express, the others should be forwarded by freight. By freight in barrels the rate is $2 50 per 100 lbs from San Francisco to New York. I deliver f. o. b. at San Francisco.

## Culture of California Bulbs.

To successfully grow these bulbs in such a climate as California or Oregon, where 15 degrees below the freezing point marks the lowest degree of cold, is the easiest matter possible. No injury from freezing is to be feared under such conditions.

Bulbs should be planted early in the fall. As with tulips a deep soil is to be avoided. If put in the open ground it is better to have a firm packed soil at six inches depth; but large boxes 8 or 10 inches deep and well drained are preferable. In the East or in any cold climate Brodiæas, Erythroniums and Star tulips are fairly hardy when given good drainage and plenty of leaves for protection: but by far the best place is in the cold frame. The very best reports are received from bulbs so treated.

Plant in shallow earthen pans, water sparingly, see that drainage is good, and you can depend on a satisfaciory bloom wherever they are planted.

☞Don't water continually. Soak up occasionally and leave alone as long as soil is barely moist.

Don't use coarse rank manure, either barnyard or other.

Don't force too much. The longer the growing season the better.

Don't water after bloomiug—dry off, and if they cannot be kept dry, take up and lay away in a dry place.

Don't think because California is a warm country that the winter climate is hot. The ground is often frozen stiff for a week at a time where these bulbs are native, and heat is to be avoided until the time of blooming. It will not hurt them if the leaves are occasionally frozen stiff.

☞Soils. For Brodiæas, Camassia, and Fritillarias any well drained light soil, sandy loam with a little leaf mold preferable.

Star Tulips do best in loam mixed with coarse river sand, well drained.

Butterfly Tulips do well in a sandy loam or light clay loam, firm around the bulbs. Of all things avoid a rich stimulating soil with these.

Erythrouiums need shade and a light well drained soil of which leaf mold is a principal constituent.

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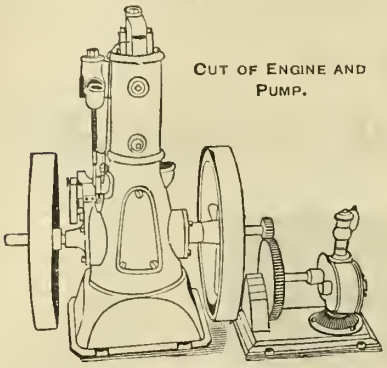

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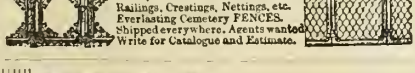

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